

ABSTRACT OF THE DISCLOSURE

A digital video data recording system has a signal source, a motion detector, an external memory for storing motion vector data, an encoder, a recorder, and a controller. The controller obtains motion vector data and quantization step size data in a preprocessing procedure, and encodes image data using the motion vector data read from the external memory and the quantization step size data and records the encoded image information on a recording medium in a recording process. The digital video data recording system can encode image information appropriately depending on the type of the image information, minimizes the consumption of electric energy by not effecting a motion detecting process in the recording process, and can record all the image information to be recorded on the recording medium.